

IN THE CLAIMS

---

5. (amended) The optical semiconductor device according to claim 1, wherein the first diffraction grating is composed of gratings, each of which is in a curved line form.

6. (amended) The optical semiconductor device according to claim 1, wherein the first diffraction grating is composed of a plurality of diffraction grating regions having the same diffraction efficiency.

A 7. (amended) The optical semiconductor device according to claim 1, wherein the first diffraction grating is composed of at least two diffraction grating regions that differ from each other in a direction in which gratings are arranged.

8. (amended) The optical semiconductor device according to claim 1, wherein the first diffraction grating is composed of diffraction grating regions having the same grating periodic interval.

9. (amended) The optical semiconductor device according to claim 1, wherein the first diffraction grating is composed of a plurality of diffraction grating regions that divide a spot of the reflected light beam equally.

---